

Daily Activity Report

June 03, 2021

Holy Trinity Cemetery Area 6 & 7 Site
5380 and 5382 Robert Avenue
Lewiston, Niagara County, New York

Prepared by:

Superfund Technical Assessment & Response Team V
Weston Solutions, Inc.
Federal East Division
Edison, New Jersey 08837

Prepared for:

U.S. Environmental Protection Agency, Region II
Superfund and Emergency Management Division
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Edison, New Jersey 08837

Personnel On-Site:

EPA OSC – Peter Lisichenko, Patrick Ahern

START V – Thomas O’Donnell and David Benoit

ERRS Contractor: Environmental Restoration (ER) with US Ecology

Weather: Rainy, 20% chance of snow/rain, Lo: 57°F, High: 73°F, Winds: 3 mph SE, 99% humidity.

Health and Safety: Safety topics included: COVID-19, site traffic, heavy equipment awareness, heat stress, using proper personal protective equipment (PPE), ticks, and radiation hazards.

Activities Completed:

1. The U.S. Environmental Protection Agency’s (EPA) Emergency and Rapid Response Services (ERRS) contractor finished setting up the staging area with industrial scale.
2. EPA’s Superfund Technical Assessment & Response Team V (START V) contractor, Weston Solutions, Inc., continued bounding of the Ludlum 3030.
3. START V continued to conduct Community Air Monitoring on Site. A total of three stations were deployed. Each station consisted of a vaperized DustTrack and a RADeCO volumetric air sampler.
4. START V continued to screen concrete and soil to inform Site excavation activities.
5. ERRS continued breaking concrete and excavating soil.
6. START V began sampling of excavation areas. One side wall and two base soil samples taken from Area 6 driveway.
7. ERRS began filling super sacks with soil and staging in super sack staging area.
8. START V began to screen super sacks and record weight in preparation for disposal.
9. At the end of the workday, START V uploaded field data to the EPA internet SharePoint site designated for the Site.

Planned Activities for June 04, 2021:

1. START V will continue to screen excavations and super sacks as needed.
2. ERRS will continue breaking up concrete in the Area 7 garage.
3. START V will continue community air monitoring as needed.

Soil Excavation & Backfill Data:

Soil Mass Excavated Today (In Pounds)	21,814
Cumulative Soil Mass Excavated (In Pounds)	21,814
Total Number of Disposal Trucks Today	0
Total Number of Disposal Trucks to Date	0
Soil Volume Transferred to Disposal Trucks	0
Cumulative Disposal Volume Removed to Date (In Tons)	0
Number of Backfill Trucks Today	0
Number of Backfill Trucks to Date	0
Backfill Received Today (In Tons)	0
Cumulative Backfill Volume to Date (In Tons)	0

Site Photographs:



View of ERRS breaking up concrete in Area 6.



View of ERRS using saw cutter to cut concrete in preparation for drilling.



View of ERRS filling super sack with excavated soil from Area 6.



View of scanned and indexed super sacks in staging area.

Daily Weather Summary:

TEMPERATURE (°F)		PRECIPITATION (inches)	WIND SPEED (mph)		WIND DIRECTION		RELATIVE HUMIDITY (Daily Average %)
<u>High</u> 73	<u>Low</u> 57	0.3	<u>High</u> 3	<u>Average</u> 2	<u>High</u> SE	<u>Highest Gust</u> SE	99

Source: <https://www.wunderground.com/>

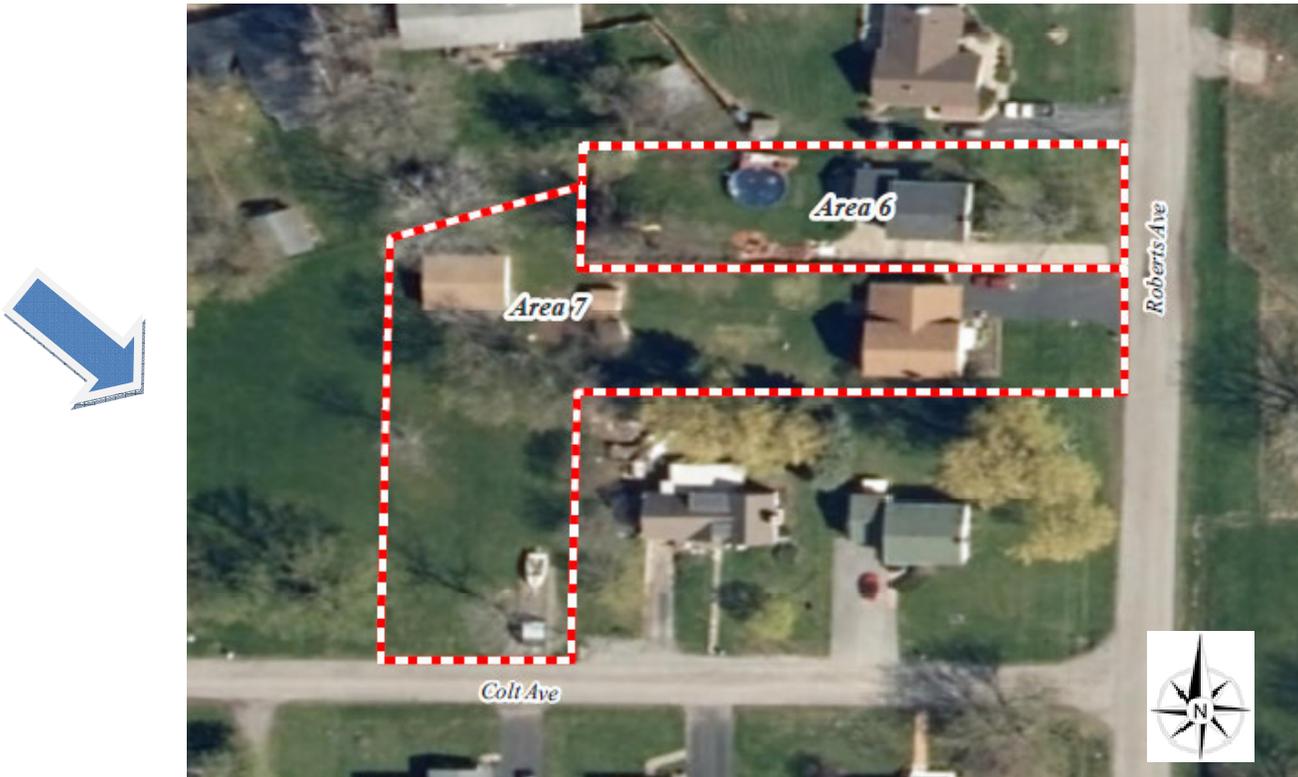
Removal Activity Summary:

The EPA’s ERRS contractor, ER, continued removal action activities at the Holy Trinity Cemetery Area 6 & 7 Site (the Site). Construction of the super sack staging area was completed, and the removal of contaminated soil began. The Site was secured at the end of the workday.

The EPA’s START V contractor documented Site activities, performed air monitoring, and conducted sampling of the soil that will be disposed of. Using three Dust Track II (model 8533EP) air monitoring devices and three RADēCO (model H-810), three air monitoring stations were set up at the Site. The air monitoring locations were west of the Site facing the property owner’s home (AS01), north of the Site near a telephone pole, facing the immediate excavation area (AS02) and northeast of the Site in a drainage ditch facing the immediate excavation area (AS03). The air monitoring units were calibrated before use and allowed to run for approximately 8-hours. The fugitive dust (total particulate matter) data generated during air monitoring of Site activities was compared to Site-Specific Action Levels (SSALs). Air monitoring data was below the SSAL for this reporting period. START V screened work zones and super sacks for radiation levels to inform excavation activities.

Note: SSAL utilized on site are currently 0.100 mg/m³, 15-minute average over background level, with a maximum of 0.150 mg/m³, 15- minute average. As part of on-site safety procedure, if this level is exceeded for a period of 15 minutes, site activities must be suspended, and results will be reported to the EPA On-Scene Coordinator.

Prevailing Wind Direction:



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Air Monitoring Locations:

